



ETL

ENVIRON TECH LABORATORIES
(NABL ACCREDITED LAB.)

Certificate No. T-1947

Department of Science & Technology, India

S.C.F. 40, Industrial Area, Sector -73 (Phase-7), S.A.S. Nagar (Mohali), Punjab
Tele/Fax : 0172-4630081, Mob. 94172-10081, Email : envrontechlab72@yahoo.com

Dated : ...16/05/2015

Page 1 of 1

ANALYSIS REPORT

To
M/s PACL LIMITED.
SCO-06, SECTOR-69,
MOHALI(PB)

Report Date : 16.05.2015 Report No. : ETL/26/2015-16/89
Your Ref. No : PACL/MHL-1063 Type of Sample : D.G.Set-1 Stack Emission
Monitoring
Sample I.D. : ETL/05/2015-16/109 Date of Sampling : 12.05.2015
Date of test : 13.05.2015 to 16.05.2015 Date of Sample Receipt : 13.05.2015

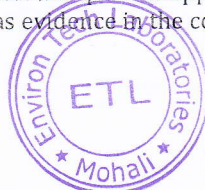
TECHNICAL DATA	
Project Name	Pearls City Sector 100-104 Mohali
Instrument Used for Sampling	Stack Monitoring Instrument
Source of Emission	D.G.Set (125 KVA) 1No. Stack Attached to D.G.Set
Fuel Used	H.S.D
Type of Stack	Round of M.S
Velocity of Flue Gases	12.4 m/s
Sampling Time	30 Min
Ambient Air Temp	32°C
Stack Temperature	160°C
Stack Height	3 m from G.L
Diameter of Stack	6"

SR. NO.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1	PM	55.1 mg/Nm ³	75.0 mg/Nm ³	IS:11255(Part-1):1985
2	SO ₂	ND	80.0 mg/Nm ³	IS:11255(Part-2):1985
3	NO _x	13.2 mg/Nm ³	80.0 mg/Nm ³	IS:11255(Part-7):2005
4	CO	22.4 mg/Nm ³	150 mg/Nm ³	CPCB Guidelines-2010
5	CO ₂	6.6%	---	CPCB Guidelines-2010
6	Hydrocarbon	ND	100 mg/Nm ³	CPCB Guidelines-2010

ND: Not Detectable

Note: All Parameters are within limit as prescribed by the CPCB Guidelines -2010.

1. The test report refers only to tested sample and applicable parameters.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.




(AUTHORIZED SIGNATORY)
RAMESHWAR KUMAR
Technical Manager
Environ Tech Laboratories



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Dated : ...16/05/2015

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TEST REPORT

To
M/s PACL LIMITED.
SCO-06,SECTOR-69,
MOHALI(PB)

Report Date	16.05.2015	Report No.	ETL/26/2015-16/88
Your Ref. No	PACL/MHL-1063	Type of Sample	Ambient Air Sample
Sample I.D.	ETL/05/2015-16/108	Date of Sampling	12.05.2015 to 13.05.2015
		Date of Sample Receipt	13.05.2015
		Date of test	13.05.2015 to 16.05.2015

TECHNICAL DATA

1	Project Name	"PEARLS CITY" SECTOR-100 & 104, MOHALI
2	Location of Sampling Station	NEAR MAIN GATE
3	Instrument Used for Sampling	Respirable Dust Sampler-II
4	Source of Sampling	Ambient Air
5	Temperature of Sampling Location	32°C
6	Environmental Condition	Max temp. 36°C Min temp. 20°C Clear Sky and wind direction west to east
7	Flow Rate of Sampling	1.0 LPM
8	Time Period for Sampling	1440 Minutes
9	Volume of Air Sampled	1.44 m ³

RESULTS


S.NO	PARAMETER ($\mu\text{g}/\text{m}^3$)	RESULT	STANDARD ($\mu\text{g}/\text{m}^3$)	TEST METHOD
1.	PM ₁₀	57.7	100.0	IS:5182(Pt-23):2006
2.	PM _{2.5}	18.4	60.0	Gravimetric method and CPCB Guidelines
3.	SO ₂	6.0	80.0	IS:5182(Pt-2):2001
4.	NO ₂	17.2	80.0	IS:5182(Pt-6):2006
5.	CO mg/m ³	ND	2.0 mg/m ³	CPCB Guidelines-2010

Note: All Parameters are within limit as prescribed by the CPCB Guidelines -2010.

ND: Not Detectable

1. Sample consumed in testing.
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Page 1 of 1

TEST REPORT

To
M/s PACL LIMITED.
SCO-06, SECTOR-69,
MOHALI (PB)

Report Date : 16.05.2015 Report No. : ETL/26/2014-15/90
Your Ref. No : PACL/MHL-1063 Type of Sample : Noise Level Monitoring
Sample I.D. : ETL/05/2015-16/110 Date of Monitoring : 12.05.2015

TECHNICAL DATA					
Project Name		Pearls City Sector 100-104 Mohali			
Location of Monitoring Station		Near Main Gate			
Instrument Used for Monitoring		Noise Level Meter			
SR. NO.	LOCATION/AREA	RESULTS dB(A) LEQ		LIMITS IN dB(A) LEQ.	TEST METHOD
1	Near Main Gate	Day Time	54 dB (A)	55 dB (A)	IS:9989-1981 Reaff:2001
		Night Time	42 dB (A)	45 dB (A)	

Note: All Parameters are within limit as prescribed by the CPCB Guidelines -2010.

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Service Tax No. BPEPS9693PSD001
PAN No. BPEPS9693P

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TEST REPORT

Dated : 16/05/2015

To
M/s PACL LIMITED.
SCO-06, SECTOR-69,
MOHALI(PB)

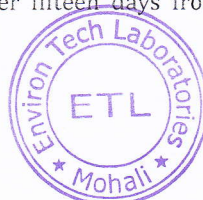
Report Date	: 16.05.2015	Report No.	ETL/26/2015-16/91
Your Ref. No.	: PACL/MHL-1063	Type of Sample	Soil Sample
Date of sample Collection	: 12.05.2015	Location	Near Over Head Tank
Date of Receipt of Sample	: 12.05.2015	Quantity	2 KG
		Sample I.D.	ETL/05/2015-16/111
Project Name: Pearls City Sector 100-104 Mohali		Date of Analysis/Test	13.05.2015 to 16.05.2015

RESULTS

SR. NO.	PARAMETERS	UNITS OF MEASUREMENT	RESULT	TEST METHODS
1	pH	--	7.15	IS:2720(Pt.26)2007
2	Conductivity (EC)	micro mhos/cm at 25°C (Soil Water Ratio- 1:2)	370	IS:14767:2000
3	Moisture Content	%	30.70	USDA:1954/Reaff.2010 Page 107
4	Bulk Density	gm/cm ³	1.38	USDA:1954/Reaff.2010 Page 121
5	Water Holding Capacity(WHC)	%	75	USDA:1954/Reaff.2010 Page 39
6	Texture	--	Silty Loam Clay	USDA:1954/Reaff.2010 Page 30
	Sand	%	10	USDA:1954/Reaff.2010 Page 30
	Silt	%	58	USDA:1954/Reaff.2010 Page 30
	Clay	%	32	USDA:1954/Reaff.2010 Page 30
7	Organic Matter	%	0.35	IS:2720(Pt.22)1972/ Reaff.2005
8	Phosphorus	Kg/ha	0.61	USDA:1954/Reaff.2010 Page 134
9	Iron as Fe	mg/Kg	16.1	DTPA - AAS Method
10	Boron	mg/kg	5.0	USDA:1954/Reaff.2010 Page 134
11	Sodium Adsorption Ratio	--	1.20	USDA:1954/Reaff.2010 Page 72 By Calculations
12	Lead as Pb	mg/kg	4.1	DTPA - AAS Method
13	Zinc as ZN	mg/kg	2.2	DTPA - AAS Method
14	Sodium as Na	mg/kg	52	USDA:1954/Reaff.2010 Page 131
15	Cation Exchange Capacity	%	0.045	USDA:1954/Reaff.2010 Page 101 IS: 2720(Pt. 24) 1976/Reaff.2005

Note:

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3. The sample will be destroyed after fifteen days from the date of issue of test report unless otherwise specified.

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